

CAMSWITCH™ MOBILE

COMPACT 802.3AT POE LOW VOLTAGE SWITCHES



Compact, versatile POE switches that provide POE Plus from 12 or 24 volts

CAMSWITCH Mobile offers the ideal network solution for transport, battery, solar and low-voltage applications.

802.3af POE / 802.3at POE Plus compatible outputs

Converts a wide input voltage range to POE levels

Up to 80 watt power budget

Auto-configuring 10/100 Ethernet switch

4+1 and 8+2 channel models

Rugged enclosure with adjustable mounting brackets



TECHNICAL SPECIFICATION

CAMSWITCH™ 4 MOBILE / 8 MOBILE

POWER INPUT	
Connector	Detachable screw terminal
Voltage	8.5 - 40V (minimum startup voltage is 10.5V, supports engine cranking and reduce overdischarge) DC only (contact Veracity for 24V AC applications)
Fusing	The use of an external fuse is recommended. Rating: 5 amps for 24V DC or 10 amps for 12V DC supply, slow blow type
POE OUTPUTS	
POE standard	IEEE 802.3af / IEEE 802.3at compatible Not isolated from DC input; for use in closed system transport applications; connected devices must be IEEE compliant Veracity enhanced POE supports maximum efficiency and range
POWER BUDGET	
24V input	80 watts total camera power
12V input	80 watts (reduce to 65 watts for max 30°C temperature rise above ambient)
<12V input	60 watts (reduce to 50 watts if voltage can drop below 10V) POE power conversion produces heat; the above limits are for horizontal mounting with ventilation Installation in enclosed spaces will cause additional heating and power limiting Warning: enclosure may become hot in operation
ETHERNET INTERFACE	
Connector	RJ45, 5-port unmanaged 10/100 switch
Rates	10BASE-T or 100BASE-T and duplex, auto-configuring for speed
Cable	Straight through or crossover Cat 5, Cat 5e or Cat 6 patch VCS-8P2-MOB supports VLAN trunking
LED INDICATORS	
Green - POE Ports	Constant POE enabled Off No POE requested
Green - Non POE Ports	Constant Power OK Off No power
Yellow	Constant Ethernet OK Blink Network activity
PHYSICAL/ENVIRONMENTAL	
Dimensions	L 110mm / 131mm with side clips W 100mm including connectors H 40mm
Mounting (brackets inc.)	5mm mounting holes on 122mm centres
Weight	290g [10.2oz] (VCS-4P1-MOB) / 350g [12.3oz] (VCS-8P2-MOB)
Operating temperature	-10°C to 50°C [14°F to 122°F]
Relative humidity	Up to 85%, non-condensing
Compliance	CE, FCC, RoHS
PRODUCT CODES	
VCS-4P1-MOB	CAMSWITCH 4 Mobile 4+1 port 12/24VDC 802.3at switch
VCS-8P2-MOB	CAMSWITCH 8 Mobile 8+2 port 12/24VDC 802.3at switch
VPSU-12V-U	Veracity 12V DC power supply, universal (UK/US/EU)
VQ-24	Veracity 24V DC power supply



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